

What is claimed is:

1. A distal tip for a medical catheter, comprising:

a member having a wall defining a lumen, said member being positionable within a blood vessel such that said member is able to capture a device within said blood vessel, distal of said member, as said device is drawn toward said lumen, said member being adaptable to conformingly hold said device within said lumen.

2. The distal tip according to Claim 1 wherein said member tapers radially inwardly toward a distal end thereof.

3. The distal tip according to Claim 2 wherein said tip is attached to a distal end of a catheter.

4. The distal tip according to Claim 3 wherein said catheter is positioned within a lumen of a human body.

5. The distal tip according to Claim 3 wherein said catheter is positioned within a blood vessel.

6. The distal tip according to Claim 5 wherein said catheter has a

lumen and said catheter is advanced along a guidewire disposed within said lumen in said catheter.

7. The distal tip according to Claim 1 wherein said device is an embolic protection device.

8. A catheter having a distal tip, comprising:

a wall defining the distal tip, said tip defining a lumen, the lumen having a distal end, wherein said wall has a curved portion at said distal end curving inwardly toward an axis of said lumen, said lumen having a diameter adaptable to accommodate a device having a diameter.

9. The distal tip according to Claim 8 wherein said distal tip is attached to a distal end of a catheter member.

10. The distal tip according to Claim 9 wherein said catheter is advanced within a blood vessel.

11. The distal tip according to Claim 10 wherein said catheter has a lumen and said catheter is advanced over a guidewire extending therethrough.

12. The distal tip according to Claim 11 wherein said wall has an outer surface, wherein, as said device is drawn into said distal tip, a portion of said device contacts a portion of said outer surface of said curved portion of said wall.

13. The distal tip according to Claim 12 wherein said curved portion accommodates said device into said lumen of said distal tip.

14. The distal tip according to Claim 13 wherein said device is drawn toward said catheter, and wherein said distal tip conforms to said device as it is so drawn.

15. The distal tip according to Claim 14 wherein said device is a protection device.

16. The distal tip according to Claim 15 wherein said distal tip has a diameter that decreases as it progresses towards said curved portion.

17. A catheter comprising:

a distal tip comprising a tubular member having a wall defining a lumen having a periphery wherein said tubular member has

a taper from a proximal end towards a rolled distal end wherein at said distal end said wall curves inwardly towards said lumen wherein a device having a greater periphery is urged into said lumen and said lumen adapts to conformingly receive said greater periphery.

18. The distal tip according to Claim 17 wherein said distal tip is attached to a distal end of a catheter.

19. The distal tip according to Claim 18 wherein said catheter is in a lumen of a patient's body.

20. The distal tip according to Claim 19 wherein said device is an embolic protection device.

21. The distal tip according to Claim 20 wherein said distal protection device has particulate matter therein.

22. The distal tip according to Claim 21 wherein said distal tip is attached to a distal end of a catheter.

23. The distal tip according to Claim 22 wherein as said embolic protection device is urged into said distal tip, at least a portion

of said particulate matter is prevented from entering said lumen of said patient's body.

24. The distal tip according to Claim 23 wherein as said distal protection device is urged in proximal direction said distal tip conforms to said greater periphery.

25. The distal tip according to Claim 24 wherein as said protection device is urged proximal to said distal tip, said lumen returns substantially to its periphery.

26. The distal tip according to Claim 25 wherein said protection device is received within said catheter body.

27. A medical device comprising: a catheter having at least a single tubular member, said tubular member extending to a distal end; and a distal tubular member connected to and in communication with said catheter distal end wherein said distal tubular member has a wall forming a boundary about a lumen wherein said wall has a thickness that is tapered towards a distal end having a lesser thickness, said distal end of said wall being rolled inwardly towards said lumen forming a rolled tip wherein as said medical device is positioned within a blood vessel said rolled tip is able

to receive a protection device into said lumen wherein a corresponding portion of said lumen complies to a periphery of said protection device that is in contact with said corresponding portion.

28. The medical device according to claim 27 wherein said protection device has a periphery wherein said lumen has a periphery prior to receiving said protection device that is less than said periphery of said protection device.

29. The medical device according to Claim 27 wherein said rolled tip is able to contact a portion of a stent at an area of contact and said area of contact will be on an outer surface of said wall.

30. The medical device according to Claim 29 wherein said contact surface is configured such that said distal tip is advanced across said stent.

31. The medical device according to Claim 27 wherein said protection device contains captured emboli and said distal tip is able to comply to said periphery such that emboli are prevented from releasing into said blood vessel.

32. The medical device according to Claim 27 wherein said distal tip has a low durometer.

33. The medical device according to Claim 27 wherein after said protection device is received within said catheter, said distal tip returns substantially to its original configuration.

34. The medical device according to Claim 27 wherein said distal tip comprises a conformable material.